



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1459  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



CONFIRMATION NO. 7276

Bib Data Sheet

<b>SERIAL NUMBER</b> 09/853,622	<b>FILING OR 371(c) DATE</b> 05/14/2001 <b>RULE</b>	<b>CLASS</b> 360	<b>GROUP ART UNIT</b> 2652	<b>ATTORNEY DOCKET NO.</b> NEC2370-US
<b>APPLICANTS</b> Kazuhiko Hayashi, Tokyo, JAPAN; Keishi Ohashi, Tokyo, JAPAN; Nobuyuki Ishiwata, Tokyo, JAPAN; Masafumi Nakada, Tokyo, JAPAN; Eizo Fukami, Tokyo, JAPAN; Kiyokazu Nagahara, Tokyo, JAPAN; Hiroaki Honjo, Tokyo, JAPAN; Junichi Fujikata, Tokyo, JAPAN; Kunihiro Ishihara, Tokyo, JAPAN; Shigeru Mori, Tokyo, JAPAN;				
<b>** CONTINUING DATA *****</b>  <b>** FOREIGN APPLICATIONS *****</b> JAPAN 2000-142527 05/15/2000				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 07/10/2001</b>				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature _____ Initials _____		<b>STATE OR COUNTRY</b> JAPAN	<b>SHEETS DRAWING</b> 8	<b>TOTAL CLAIMS</b> 21
		<b>INDEPENDENT CLAIMS</b> 4		
<b>ADDRESS</b> 30743				
<b>TITLE</b> METHOD FOR SMOOTHING A BARRIER LAYER IN A MAGNETORESISTIVE EFFECT SENSOR BY SMOOTHING A LAYER UPON WHICH THE BARRIER LAYER IS FORMED, AND A SENSOR HAVING A BARRIER LAYER FORMED UPON A SMOOTHED LAYER				
<b>FILING FEE RECEIVED</b> 938	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	